

# **OFFICE OF AIR AND RADIATION**

**Sally Shaver**  
**Associate Counselor for Ag Policy**  
**Office of Air and Radiation**  
**March 13, 2008**

# OFFICE OF AIR & RADIATION

- **Office of Air Quality Planning & Standards**
  - Sets ambient air quality standards and implementation guidance
  - Sets standards for stationary sources for both toxics and criteria pollutants
- **Office of Transportation and Air Quality**
  - Sets standards for motor vehicles and engines
  - Sets standards for fuels
- **Office of Atmospheric Programs**
  - Acid Rain
  - Climate Change
  - Stratospheric Ozone Depletion
- **Office of Indoor Air & Radiation**

# AIR QUALITY STANDARDS

- **National Ambient Air Quality Standards (NAAQS)**
  - **New Particulate Matter Standards (PM) in 2006**
  - **New Ozone Standards 2008**
  - **NO<sub>x</sub> and SO<sub>x</sub> reviews ongoing**
    - **Consideration of new indicators**
  - **CO, Pb, and PM reviews ongoing**

# STANDARDS IMPLEMENTATION

- Revised ozone and PM standards in 1997
  - Ozone SIPs due in 2007, PM SIPs in 2008
  - Attainment dates for ozone 2007-2024
  - Attainment dates for PM 2010-2015
- Revised PM standards in 2006
  - Nonattainment designations in 2008
  - SIPs due 3 years later
  - Attainment 5-10 years later
- Revised ozone standards in 2008

# AIR ISSUES

- **Implementation of NAAQS**
  - **Ammonia not regulated as a precursor of PM<sub>2.5</sub>**
  - **Exceptional Events Rule – Treatment of data due to natural events (fire, wind)**
  - **Regulation of pesticide use to reduce VOC emissions**
  - **Revision of Fire Policy**

# FIRE POLICY

- **The 1998 Interim Wildland and Prescribed Fire Policy does not address agriculture burning**
- **EPA committed to revising this policy by July 2008**
- **Revisions will**
  - **Make policy consistent with the Exceptional Events Rule**
  - **Address agricultural burning**
  - **Reflect new NAAQS, conformity, and regional haze**
  - **Be developed by seeking input from ag community at state and local level –Agency has initiated dialogue with NASDA**

# STATIONARY SOURCE ISSUES

- **Applicability of CAA requirements to farms**
  - Source definition issue
    - What is an affected facility? (ownership, common control, support facility, etc.)  
Case-by-case determinations made considering multiple factors.
  - Fugitive emissions – Cannot reasonably pass through a stack, chimney, vent or other functionally equivalent opening
- **Industrial/Commercial Boiler MACT rule and CISWI rule vacated**
  - Solid Waste Definition
- **OSWI rule vacated**
  - Disposal of mortalities at AFOs

# MOBILE SOURCE ISSUES

- Proposed Rule for renewable fuels standard program required under EISA of 2007
- Locomotive and marine engines standards
  - March 14, 2008
- Spark ignition marine engines, small land-based engines, and category 3 marine engines rules
- Engine testing program

# MOBILE SOURCE ISSUES

- Voluntary Partnership Programs to reduce emissions from in-use engines and fleets
  - SmartWay Transport Partnership
  - SmartWay Heavy Duty Truck Emissions Initiative
- National Clean Diesel Campaign
  - \$49.2M for FY08
    - \$34.4M Direct grants
    - \$14.8M for state programs

# ATMOSPHERIC PROGRAMS

- Climate Change
  - Greenhouse Gases Inventory
- Methane to Markets
  - Ag Star
- Energy Star
- Stratospheric Ozone Protection
  - Montreal Protocol
    - Methyl Bromide Phase Out

# OAR INFORMATION

- Website
- [www.epa.gov/oar](http://www.epa.gov/oar)

Organization Information

Regulatory Information

Technical Information (Technology Transfer  
Network)

Monitoring, Modeling, Inventories, Air Data